

## ABS Module Removal & Installation Instructions

### Dodge Dakota

ModuleMaster

Support: 208-892-0764

[www.modulemaster.com](http://www.modulemaster.com)

## 1998-2004

**Note:** 1997 and earlier models use the Kelsey Hayes 310 controller which cannot be repaired.

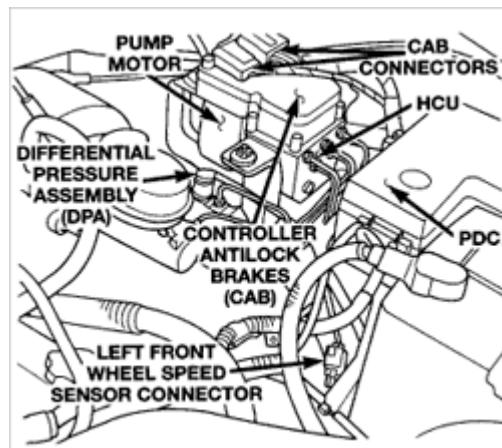
1998-2004 models with 4-wheel ABS use the Kelsey Hayes Dodge controller located near the battery attached to the hydraulic unit as shown on right (top).

Dodge trucks with rear wheel only ABS use the Kelsey Hayes 125 or RWAL (Rear Wheel Anti Lock) module as shown on right (bottom).



### Removal Procedure (Kelsey Hayes Dodge)

1. Disconnect the negative battery cable.
2. Push the harness connector locks to release the 2 connectors from the CAB (Controller for Anti-lock Brakes). See detail (right top)
3. Remove the 4 screws attaching the CAB to the HCU.
4. Remove the CAB.
5. Cover the exposed surface of the hydraulic unit with aluminum foil.



### Removal Procedure (Kelsey Hayes 125/RWAL)

1. Disconnect the negative battery cable.
2. Push the harness connector locks to release the 2 connectors from the CAB (Controller for Anti-lock Brakes). See detail (right bottom).
3. Remove the 2 screws attaching the CAB to the vehicle.
4. Remove the CAB.
5. Cover the exposed surface of the hydraulic unit with aluminum foil.

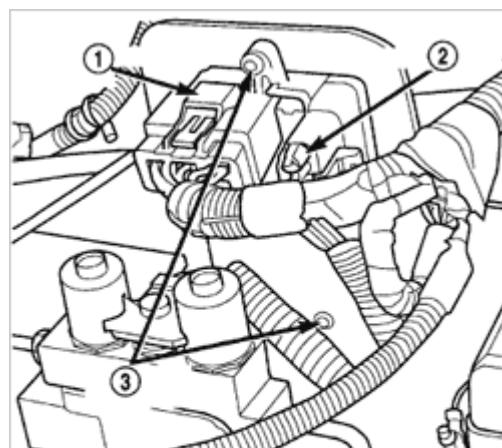


Fig. 7 RWAL Controller

1 - CAB CONNECTOR LOCK  
2 - RWAL CONNECTOR  
3 - MOUNTING SCREWS

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#### **Installation Procedure (Kelsey Hayes Dodge)**

- 1.** Make sure the mating surface of the hydraulic unit is clean and dry.
- 2.** Attach the CAB to the hydraulic unit using the 4 torx screws.
- 3.** Connect the 2 electrical connectors.
- 4.** Reconnect the negative battery cable.

#### **Installation Procedure (Kelsey Hayes 125/RWAL)**

- 1.** Make sure the mating surface of the hydraulic unit is clean and dry.
- 2.** Attach the CAB to the vehicle chassis using the 2 torx screws.
- 3.** Connect the 2 electrical connectors.
- 4.** Reconnect the negative battery cable.
- 5.** Start the engine and make sure the brake warning lights go out.

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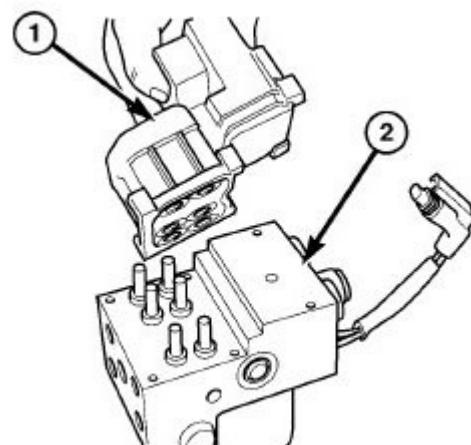
**2005-2011**

2005 and later models use the Bosch 5.4 controller (see image right).



#### Removal Procedure

1. Disconnect the negative battery cable.
2. Pull out the side locking tab (see arrow, right) on the main electrical connector and remove the connector.
3. Remove the small pump motor connector from the back of the module.
4. Remove the 6 torx screws and separate the CAB (Controller for Anti-lock Brakes)(1) from the hydraulic unit (2).
5. Remove the CAB.
6. Cover the exposed surface of the hydraulic unit with aluminum foil.



#### Installation Procedure

1. Make sure the mating surface of the hydraulic unit is clean and dry.
2. Attach the CAB to the hydraulic unit using the 6 torx screws.
3. Connect the 2 electrical connectors. Press in the locking tab on the main connector.
4. Reconnect the negative battery cable.
5. Start the engine and make sure the brake warning lights go out.